

**Environmental Restoration (ER) Project
Cerro Grande Fire
Accelerated Action Information Sheet**

**Potential Release Site (PRS) 02-012
Soil Contamination**

Technical Area (TA)-2, located in Los Alamos Canyon, housed several reactors, including the Omega West and Water Boiler Reactors. The reactors were shutdown, removed from the nuclear facilities list, and placed into the Laboratory's Decontamination and Decommissioning program.

PRS History: PRS 02-012 consists of potential soil contamination beneath the former sites of two underground storage tanks. The first is a 1,000-gallon storage tank that was removed in 1950, although no documentation of the removal of the tank exists. The second tank is located on the north side of Building 2-1. It was a 560-gallon diesel fuel tank for a back-up generator that was installed in 1986 and removed in October 1998. The fill line to the tank was removed with the tank and elevated petroleum hydrocarbon concentrations up to 440 parts per million were detected in the soil under the line. The tank passed an integrity test in 1994. Field screening was conducted in 1995. Results showed no detectable concentrations or organic chemicals and no alpha activity above instrument background. Beta/gamma activity was elevated slightly above instrument background.

PRS 02-012 is not listed on the Hazardous and Solid Waste Amendments module to the Laboratory's Hazardous Waste Facility permit. The ER Project has not proposed the site for no further action.



Issues of Concern: The area upstream of PRS 02-012 burned during the Cerro Grande fire. The intensity of upstream burn was low to moderate. The former tank sites are currently under asphalt so the site does not have a surface component, nor is there any potential for erosion or scouring. There is no debris on the site that could enter the flood watercourse. There are no structures that could interfere with or be impacted by flood mitigation efforts.

Accelerated Action Status: PRS 02-012 was evaluated after the Cerro Grande fire. ER Project personnel completed three auger holes and collected seven samples at the Building 2-1 site. The data have not yet been validated or reviewed. The site of the former tank at Building 2-29 cannot be located.

Related Documents:
DOE 1987 (0246) *need citation AN ORDER*

ESH 19-00-007, Letter to Lorena Georger, NMED/UST from Aden Jackson, ESH-19, "Deferral of Additional Site Investigation for UST #TA-2-1," January 25, 2000.